Theoretical Computer Science 70 (1990) 361-368
North-Holland

MASTER INDEX VOLUMES 61–70

(For the sake of simplicity and uniformity, all names beginning with articles or prepositions are listed as if written as single words)

Abadi, M., The power of temporal proofs (*Fundamental Study*) 65 (1) (1989) 35-83
Corrigendum 70 (2) (1990) 275
Abiteboul, S. and R. Hull, Restructuring hierarchical database objects 62 (1, 2) (1988) 3-38
Akyildiz, I.F. and H. Von Brand, Exact solutions for open, closed and mixed queueing networks with rejection blocking 64 (2) (1989) 203-219
Alexi, W., Extraction and verification of programs by analysis of formal proofs 61 (2, 3) (1988) 225-257
Allouche, J.-P., On a sequence of rational functions 65 (2) (1989) 123-129
Alon, N. and U. Zwick, On Nečiporuk's theorem for branching programs (*Note*) 64 (3) (1989) 331-342
Ambos-Spies, K., On the relative complexity of hard problems for complexity classes without complete problems 63 (1) (1989) 43-61
Angluin, D., W.I. Gasarch and C.H. Smith, Training sequences 66 (3) (1989) 255-272
Arnold, A., Logical definability of fixed points (*Note*) 61 (2, 3) (1988) 289-297
Arvind, V. and S. Biswas, On some bandwidth restricted versions of the satisfiability problem of propositional CNF formulas 68 (2) (1989) 123-134
Atzeni, P. and D.S. Parker, Set containment inference and syllogisms 62 (1, 2) (1988) 39-65
Ausiello, G., Foreword to the Special Issue on the First International Conference on Database Theory 62 (1, 2) (1988) 1
Bachmair, L. and N. Dershowitz, Completion for rewriting modulo a congruence 67 (2, 3) (1989) 173-201
Baeten, J.C.M., J.A. Bergstra, J.W. Klop and W.P. Weijland, Term-rewriting systems with rule priorities 67 (2, 3) (1989) 283-301
Bainbridge, E.S., P.J. Freyd, A. Scedrov and P.J. Scott, Functorial polymorphism 70 (1) (1990) 35-64
Baker, K.A., G.F. McNulty and W. Taylor, Growth problems for avoidable words (*Fundamental Study*) 69 (3) (1989) 319-345
Barr, M., Fixed points in cartesian closed categories 70 (1) (1990) 65-72
Beauquier, D., Minimal automaton for a factorial, transitive, and rational language 67 (1) (1989) 65-73
Belaga, E.G., Bilinear mincing rank (*Note*) 61 (2, 3) (1988) 299-306
Benson, D.B. and J. Tiuryn, Fixed points in free process algebras, Part I 63 (3) (1989) 275-294
Benson, D.B., *see* J. Tiuryn 70 (2) (1989) 179-192
Bergstra, J.A., *see* J.C.M. Baeten 67 (2, 3) (1989) 283-301
Bermond, J.C. and J.M. Fourneau, Independent connections: an easy characterization of Baseline-equivalent multistage interconnection networks 64 (2) (1989) 191-201
Birget, J.-C., Concatenation of inputs in a two-way automaton 63 (2) (1989) 141-156
Biswas, S., *see* V. Arvind 68 (2) (1989) 123-134
Blair, H.A. and V.S. Subrahmanian, Paraconsistent logic programming 68 (2) (1989) 135-154
Blanchard, F., β-Expansions and symbolic dynamics 65 (2) (1989) 131-141
Blanchard, F., Codes engendrant certains systèmes sofiques 68 (3) (1989) 253-265
Bleuzen-Guernalec, N., On a possible classification of real-time constructed sequences 65 (2) (1989) 143-148
Bloom, S.L., A note on guarded theories 70 (1) (1990) 73-83
Bloom, S.L. and Z. Ésik, Equational logic of circular data type specification 63 (3) (1989) 303-331
Book, R.V. and D.-Z. Du, The structure of generalized complexity cores 61 (2, 3) (1988) 103-119
Book, R.V., *see* D.-Z. Du 63 (3) (1989) 239-252
Böttinger, C., On Scott's thesis for domains of information and well-quasi-orderings 70 (1) (1990) 151-158

Bracho, F., Continuously generated fixed points 68 (3) (1989) 303-317
Brzozowski, J.A., *see* C.-J. Seger 61 (1) (1988) 49-66
Buss, S.R. and G. Turán, Resolution proofs of generalized pigeonhole principles (*Note*) 62 (3) (1988) 311-317
Chan, E.P.F. and H.J. Hernández, On the desirability of γ-acyclic BCNF database schemes 62 (1, 2) (1988) 67-104
Chang, J.H., O.H. Ibarra and M.A. Palis, Efficient simulations of simple models of parallel computation by time-bounded ATMs and space-bounded TMs 68 (1) (1989) 19-36
Chlebus, B.S., A hierarchy of propositional Horn formulas (*Note*) 68 (1) (1989) 113-120
Choppy, C., S. Kaplan and M. Soria, Complexity analysis of term-rewriting systems 67 (2, 3) (1989) 261-282
Clausen, M., Fast generalized Fourier transforms 67 (1) (1989) 55-63
Coquand, T., Categories of embeddings 68 (3) (1989) 221-237
Cori, R., E. Sopena, M. Latteux and Y. Roos, 2-Asynchronous automata (*Note*) 61 (1) (1988) 93-102
Cosnard, M., J. Duprat and A. Ferreira, Complexity of selection in $X + Y$ (*Note*) 67 (1) (1989) 115-120
Dahlhaus, E. and M. Karpinski, Parallel construction of perfect matchings and Hamiltonian cycles on dense graphs 61 (2, 3) (1988) 121-136
De Felice, C., Construction of a family of finite maximal codes 63 (2) (1989) 157-184
Dekking, F.M., On the probability of occurrence of labelled subtrees of a randomly labelled tree 65 (2) (1989) 149-152
De Luca, A. and S. Varricchio, Some combinatorial properties of the Thue-Morse sequence and a problem in semigroups 63 (3) (1989) 333-348
De Maindreville, C., *see* G. Gardarin 63 (3) (1989) 253-274
Dershowitz, N., *see* L. Bachmair 67 (2, 3) (1989) 173-201
Di Battista, G. and R. Tamassia, Algorithms for plane representations of acyclic digraphs 61 (2, 3) (1988) 175-198
Diekert, V., On the Knuth-Bendix completion for concurrent processes 66 (2) (1989) 117-136
Dietzfelbinger, M., Lower bounds for sorting of sums 66 (2) (1989) 137-155
Dömösi, P. and Z. Ésik, Critical classes for the α_0-product 61 (1) (1988) 17-24
Droste, M., Event structures and domains 68 (1) (1989) 37-47
Du, D.-Z. and R.V. Book, On inefficient special cases of NP-complete problems 63 (3) (1989) 239-252
Du, D.-Z., *see* R.V. Book 61 (2, 3) (1988) 103-119
Dumont, J.-M. and A. Thomas, Systèmes de numération et fonctions fractales relatifs aux substitutions 65 (2) (1989) 153-169
Dunne, P.E., On monotone simulations of nonmonotone networks 66 (1) (1989) 15-25
Duprat, J., *see* M. Cosnard 67 (1) (1989) 115-120
Edelsbrunner, H., G. Rote and E. Welzl, Testing the necklace condition for shortest tours and optimal factors in the plane 66 (2) (1989) 157-180
Ehrenfeucht, A. and G. Rozenberg, Theory of 2-structures, Part I: clans, basic subclasses, and morphisms (*Fundamental Study*) 70 (3) (1990) 277-303
Ehrenfeucht, A. and G. Rozenberg, Theory of 2-structures, Part II: representation through labeled tree families (*Fundamental Study*) 70 (3) (1990) 305-342
Ehrenfeucht, A. and G. Rozenberg, Primitivity is hereditary for 2-structures (*Fundamental Study*) 70 (3) (1990) 343-358
Enjalbert, P. and L. Farinas del Cerro, Modal resolution in clausal form (*Fundamental Study*) 65 (1) (1989) 1-33
Ésik, Z., *see* S.L. Bloom 63 (3) (1989) 303-331
Ésik, Z., *see* P. Dömösi 61 (1) (1988) 17-24
Falaschi, M., G. Levi, C. Palamidessi and M. Martelli, Declarative modeling of the operational behavior of logic languages (*Fundamental Study*) 69 (3) (1989) 289-318
Farinas del Cerro, L., *see* P. Enjalbert 65 (1) (1989) 1-33
Felleisen, M. and D.P. Friedman, A syntactic theory of sequential state (*Fundamental Study*) 69 (3) (1989) 243-287
Ferreira, A., *see* M. Cosnard 67 (1) (1989) 115-120
Fourneau, J.M., *see* J.C. Bermond 64 (2) (1989) 191-201
Freyd, P.J., *see* E.S. Bainbridge 70 (1) (1990) 35-64

Friedman, D.P., *see* M. Felleisen 69 (3) (1989) 243-287
Gafni, E., J. Naor and P. Ragde, On separating the EREW and CREW PRAM models (*Note*) 68 (3) (1989) 343-346
Galil, Z. and R. Giancarlo, Speeding up dynamic programming with applications to molecular biology (*Note*) 64 (1) (1989) 107-118
Gallier, J.H. and W. Snyder, Complete sets of transformations for general *E*-unification 67 (2, 3) (1989) 203-260
Gambosi, G., G.F. Italiano and M. Talamo, Worst-case analysis of the set-union problem with extended backtracking 68 (1) (1989) 57-70
Gambosi, G., J. Nešetřil and M. Talamo, On locally presented posets (*Note*) 70 (2) (1990) 251-260
Gardarin, G., I. Guessarian and C. De Maindreville, Translation of logic programs into functional fixpoint equations 63 (3) (1989) 253-274
Gargov, G. and S. Passy, Determinism and looping in combinatory PDL 61 (2, 3) (1988) 259-277
Gasarch, W.I., *see* D. Angluin 66 (3) (1989) 255-272
Geffert, V., A representation of recursively enumerable languages by two homomorphisms and a quotient 62 (3) (1988) 235-249
Gelenbe, E., Preface to the Special Issue on High Performance Computer Systems 64 (2) (1989) 133-134
Giancarlo, R., *see* Z. Galil 64 (1) (1989) 107-118
Ginsburg, S. and C. Tang, Cohesion of object histories 63 (1) (1989) 63-90
Gischer, J.L., The equational theory of pomsets 61 (2, 3) (1988) 199-224
Guessarian, I., *see* G. Gardarin 63 (3) (1989) 253-274
Gutbrod, R., A transformation system for generating description languages of chain code pictures 68 (3) (1989) 239-252
Hagiya, M., Generalization from partial parametrization in higher-order type theory 63 (2) (1989) 113-139
Hansel, G. and D. Perrin, Rational probability measures 65 (2) (1989) 171-188
Hardin, T., Confluence results for the pure Strong Categorical Logic CCL. λ-calculi as subsystems of CCL (*Fundamental Study*) 65 (3) (1989) 291-342
He, X., A nearly optimal parallel algorithm for constructing maximal independent set in planar graphs 61 (1) (1988) 33-47
Hellekalek, P. and G. Larcher, On Weyl sums and skew products over irrational rotations 65 (2) (1989) 189-196
Hernández, H.J., *see* E.P.F. Chan 62 (1, 2) (1988) 67-104
Hindley, J.R., BCK-combinators and linear λ-terms have types 64 (1) (1989) 97-105
Hofer, G., Left ideals and reachability in machines 68 (1) (1989) 49-56
Honkala, J., A necessary condition for the rationality of the zeta function of a regular language (*Note*) 66 (3) (1989) 341-347
Hortalá-González, M.T. and M. Rodríguez-Artalejo, Hoare's logic for nondeterministic regular programs: a nonstandard approach 68 (3) (1989) 277-302
Howell, R.R. and L.E. Rosier, Problems concerning fairness and temporal logic for conflict-free Petri nets 64 (3) (1989) 305-329
Hromkovič, J., Tradeoffs for language recognition on alternating machines 63 (2) (1989) 203-221
Hromkovič, J., *see* K. Inoue 67 (1) (1989) 99-110
Huckenbeck, U., Euclidian geometry in terms of automata theory 68 (1) (1989) 71-87
Hull, R., *see* S. Abiteboul 62 (1, 2) (1988) 3-38
Hung, D.V. and E. Knuth, Semi-commutations and Petri nets 64 (1) (1989) 67-81
Ibarra, O.H., *see* J.H. Chang 68 (1) (1989) 19-36
Immerman, N. and S.R. Mahaney, Relativizing relativized computations 68 (3) (1989) 267-276
Inoue, K., I. Takanami and J. Hromkovič, A leaf-size hierarchy of two-dimensional alternating Turing machines 67 (1) (1989) 99-110
Inoue, K., *see* A. Ito 66 (3) (1989) 273-287
Italiano, G.F., *see* G. Gambosi 68 (1) (1989) 57-70
Ito, A., K. Inoue and I. Takanami, Deterministic two-dimensional on-line tessellation acceptors are equivalent to two-way two-dimensional alternating finite automata through 180°-rotation 66 (3) (1989) 273-287
Iyengar, S.S., *see* N.S.V. Rao 62 (3) (1988) 251-266

Jacopini, G. and P. Mentrasti, Generation of invertible functions 66 (3) (1989) 289-297
Johnson, J.H., A unified framework for disambiguating finite transductions 63 (1) (1989) 91-111
Jojczyk, K., J. Konieczny and T. Kuzak, On interleaving behaviour of PT-nets 64 (1) (1989) 25-38
Josephs, M.B., The semantics of lazy functional languages (*Note*) 68 (1) (1989) 105-111
Jung, A., Cartesian closed categories of algebraic cpos 70 (2) (1990) 233-250
Kaplan, S., Algebraic specification of concurrent systems (*Fundamental Study*) 69 (1) (1989) 69-115
Kaplan, S., *see* C. Choppy 67 (2, 3) (1989) 261-282
Kari, J., Observations concerning a public-key cryptosystem based on iterated morphisms 66 (1) (1989) 45-53
Karloff, H.J., An NC algorithm for Brooks' Theorem 68 (1) (1989) 89-103
Karpinski, M., *see* E. Dahlhaus 61 (2, 3) (1988) 121-136
Kashyap, R.L., *see* N.S.V. Rao 62 (3) (1988) 251-266
Kennaway, R., On "On graph rewritings" (*Corrigendum*) 61 (2, 3) (1988) 317-320
Kerisit, J.-M., A relational approach to logic programming: the extended Alexander method (*Fundamental Study*) 69 (1) (1989) 55-68
King, K.N., Alternating multihead finite automata 61 (2, 3) (1988) 149-174
Kirchner, H., Schematization of infinite sets of rewrite rules generated by divergent completion processes 67 (2, 3) (1989) 303-332
Kirschenhofer, P., H. Prodinger and W. Szpankowski, On the balance property of Patricia tries: External path length viewpoint 68 (1) (1989) 1-17
Kleine Büning, H., T. Lettmann and E.W. Mayr, Projections of vector addition system reachability sets are semilinear (*Note*) 64 (3) (1989) 343-350
Klop, J.W., *see* J.C.M. Baeten 67 (2, 3) (1989) 283-301
Knuth, E., *see* D.V. Hung 64 (1) (1989) 67-81
Konieczny, J., *see* K. Jojczyk 64 (1) (1989) 25-38
Korach, E., S. Moran and S. Zaks, Optimal lower bounds for some distributed algorithms for a complete network of processors (*Note*) 64 (1) (1989) 125-132
Kotov, V. and J. Pottossine, A.P. Ershov 1931-1988 (*Editorial*) 67 (1) (1989) 1-4
Kraaikamp, C., Statistic and ergodic properties of Minkowski's diagonal continued fraction 65 (2) (1989) 197-212
Kretschmer, T., A closure property of regular languages (*Note*) 61 (2, 3) (1988) 283-287
Kruskal, C.P., L. Rudolph and M. Snir, Techniques for parallel manipulation of sparse matrices 64 (2) (1989) 135-157
Kuzak, T., *see* K. Jojczyk 64 (1) (1989) 25-38
Lafont, Y., The Linear Abstract Machine (*Corrigenda*) 62 (3) (1988) 327-328
Lakshmanan, V.S., Split-freedom and MVD-intersection: a new characterization of multivalued dependencies having conflict-free covers 62 (1, 2) (1988) 105-122
Larcher, G., *see* P. Hellekalek 65 (2) (1989) 189-196
Latteux, M., *see* R. Cori 61 (1) (1988) 93-102
Lehmkuhl, T. and T. Lickteig, On the order of approximation in approximative triadic decompositions of tensors 66 (1) (1989) 1-14
Lescanne, P., Editorial to the Special Issue on the Second Conference on Rewriting Techniques and Applications 67 (2, 3) (1989) 141
Lettmann, T., *see* H. Kleine Büning 64 (3) (1989) 343-350
Levcopoulos, C., A. Lingas and J.-R. Sack, Heuristics for optimum binary search trees and minimum weight triangulation problems 66 (2) (1989) 181-203
Levi, G., *see* M. Falaschi 69 (3) (1989) 289-318
Liardet, P. and G. Rauzy, Foreword to the Special Issue on Arithmetics and Coding Systems 65 (2) (1989) 121
Lickteig, T., *see* T. Lehmkuhl 66 (1) (1989) 1-14
Lingas, A., Subgraph isomorphism for biconnected outerplanar graphs in cubic time 63 (3) (1989) 295-302
Lingas, A. and A. Proskurowski, On parallel complexity of the subgraph homeomorphism and the subgraph isomorphism problem for classes of planar graphs 68 (2) (1989) 155-173
Lingas, A., *see* C. Levcopoulos 66 (2) (1989) 181-203
Livesey, M., Stable families of behavioural equivalences 63 (1) (1989) 19-41

Longo, G. and E. Moggi, A category-theoretic characterization of functional completeness 70 (2) (1990) 193-211
Lynch, N. and M. Merritt, Introduction to the theory of nested transactions 62 (1, 2) (1988) 123-185
Lyon, G., Design factors for parallel processing benchmarks 64 (2) (1989) 175-189
Madlener, K. and F. Otto, About the descriptive power of certain classes of finite string-rewriting systems 67 (2, 3) (1989) 143-172
Mahaney, S.R., *see* N. Immerman 68 (3) (1989) 267-276
Main, M. and M. Mislove, Foreword to the Special Issue on the Fourth Workshop on Mathematical Foundations of Programming Semantics 70 (1) (1990) 1
Makowsky, J.A. and I. Sain, Weak second order characterizations of various program verification systems 66 (3) (1989) 299-321
Marongiu, G. and S. Tulipani, On a conjecture of Bergstra and Tucker 67 (1) (1989) 87-97
Martelli, M., *see* M. Falaschi 69 (3) (1989) 289-318
Martin, U., A geometrical approach to multiset orderings 67 (1) (1989) 37-54
Mayr, E.W., *see* H. Kleine Büning 64 (3) (1989) 343-350
Mazurkiewicz, A., E. Ochmański and W. Penczek, Concurrent systems and inevitability 64 (3) (1989) 281-304
McNulty, G.F., *see* K.A. Baker 69 (3) (1989) 319-345
Megiddo, N. and U. Vishkin, On finding a minimum dominating set in a tournament (*Note*) 61 (2, 3) (1988) 307-316
Meinel, Ch., The power of nondeterminism in polynomial-size bounded-width branching problems (*Note*) 62 (3) (1988) 319-325
Mendès France, M. and A.J. Van Der Poorten, From geometry to Euler identities 65 (2) (1989) 213-220
Mentrasti, P., *see* G. Jacopini 66 (3) (1989) 289-297
Merritt, M., *see* N. Lynch 62 (1, 2) (1988) 123-185
Mezghiche, M., On pseudo-cβnormal form in combinatory logic (*Note*) 66 (3) (1989) 323-331
Mezník, I., On a subclass of ∞-regular languages 61 (1) (1988) 25-32
Mignosi, F., Infinite words with linear subword complexity 65 (2) (1989) 221-242
Mislove, M., *see* M. Main 70 (1) (1990) 1
Moggi, E., *see* G. Longo 70 (2) (1990) 193-211
Moran, S., *see* E. Korach 64 (1) (1989) 125-132
Mori, M., On the Fredholm determinant of a piecewise linear transformation 65 (2) (1989) 243-248
Moriya, E., A grammatical characterization of alternating pushdown automata 67 (1) (1989) 75-85
Moriya, T. and H. Yamasaki, Accepting conditions for automata on ω-languages 61 (2, 3) (1988) 137-147
Mossé, B., q-Adic spectral analysis of some arithmetic sequences 65 (2) (1989) 249-263
Mulry, P.S., Categorical fixed point semantics 70 (1) (1990) 85-97
Mundici, D., Functions computed by monotone boolean formulas with no repeated variables (*Note*) 66 (1) (1989) 113-114
Nait Abdallah, M.A., A logico-algebraic approach to the model theory of knowledge 66 (2) (1989) 205-232
Naor, J., *see* E. Gafni 68 (3) (1989) 343-346
Narendran, P. and F. Otto, Some polynomial-time algorithms for finite monadic Church-Rosser Thue systems 68 (3) (1989) 319-332
Nešetřil, J., *see* G. Gambosi 70 (2) (1990) 251-260
Nielson, F., Two-level semantics and abstract interpretation (*Fundamental Study*) 69 (2) (1989) 117-242
Nielson, F., *see* H.R. Nielson 70 (1) (1990) 99-126
Nielson, H.R. and F. Nielson, Functional completeness of the mixed λ-calculus and combinatory logic 70 (1) (1990) 99-126
Nishio, H., *see* T. Saito 63 (2) (1989) 223-237
Ochmański, E., *see* A. Mazurkiewicz 64 (3) (1989) 281-304
Op Den Akker, R., On $LC(0)$ grammars and languages 66 (1) (1989) 65-85
Ottmann, T., Editorial to the Special Issue on ICALP '87 66 (2) (1989) 115
Otto, F., On deciding confluence of finite string-rewriting systems modulo partial commutativity 67 (1) (1989) 19-35
Otto, F., *see* K. Madlener 67 (2, 3) (1989) 143-172
Otto, F., *see* P. Narendran 68 (3) (1989) 319-332

Palamidessi, C., *see* M. Falaschi 69 (3) (1989) 289-318
Palis, M.A., *see* J.H. Chang 68 (1) (1989) 19-36
Pardubská, D. and I. Štefáneková, Nondeterministic multicounter machines and complementation (*Note*) 67 (1) (1989) 111-113
Parker, D.S., *see* P. Atzeni 62 (1, 2) (1988) 39-65
Parrow, J., Submodule construction as equation solving in CCS 68 (2) (1989) 175-202
Passy, S., *see* G. Gargov 61 (2, 3) (1988) 259-277
Pasztor, A., Recursive programs and denotational semantics in absolute logics of programs 70 (1) (1990) 127-150
Pelc, A., Searching with known error probability 63 (2) (1989) 185-202
Pelc, A., Weakly adaptive comparison searching (*Note*) 66 (1) (1989) 105-111
Penczek, W., *see* A. Mazurkiewicz 64 (3) (1989) 281-304
Perrin, D., *see* G. Hansel 65 (2) (1989) 171-188
Pétuaud, C., Entropie topologique des systèmes spécifiés (*Note*) 67 (1) (1989) 121-128
Pino Pérez, R., Decidability of the restriction equational theory in the partial lambda calculus (*Note*) 67 (1) (1989) 129-138
Piperno, A., Abstraction problems in combinatory logic: a compositive approach 66 (1) (1989) 27-43
Pottossine, J., *see* V. Kotov 67 (1) (1989) 1-4
Prodinger, H., *see* P. Kirschenhofer 68 (1) (1989) 1-17
Proskurowski, A., *see* A. Lingas 68 (2) (1989) 155-173
Protasi, M. and M. Talamo, On the number of arithmetical operations for finding Fibonacci numbers (*Note*) 64 (1) (1989) 119-124
Ragde, P., *see* E. Gafni 68 (3) (1989) 343-346
Ramanujam, R., Semantics of distributed definite clause programs 68 (2) (1989) 203-220
Rao, N.S.V., S.S. Iyengar and R.L. Kashyap, An average-case analysis of MAT and inverted file 62 (3) (1988) 251-266
Rauzy, G., *see* P. Liardet 65 (2) (1989) 121
Restivo, A., Finitely generated sofic systems 65 (2) (1989) 265-269
Richards, D., *see* C. Swart 67 (1) (1989) 5-18
Robert, Y. and D. Trystram, Optimal scheduling algorithms for parallel Gaussian elimination 64 (2) (1989) 159-173
Rodríguez-Artalejo, M., *see* M.T. Hortalá-González 68 (3) (1989) 277-302
Roos, Y., *see* R. Cori 61 (1) (1988) 93-102
Rosier, L.E., *see* R.R. Howell 64 (3) (1989) 305-329
Rote, G., *see* H. Edelsbrunner 66 (2) (1989) 157-180
Rozenberg, G., *see* A. Ehrenfeucht 70 (3) (1990) 277-303
Rozenberg, G., *see* A. Ehrenfeucht 70 (3) (1990) 305-342
Rozenberg, G., *see* A. Ehrenfeucht 70 (3) (1990) 343-358
Rudolph, L., *see* C.P. Kruskal 64 (2) (1989) 135-157
Rupert, C.P., Comment on a remark of Forys (*Note*) 68 (3) (1989) 347-348
Saccà, D. and C. Zaniolo, The Generalized Counting Method for recursive logic queries 62 (1, 2) (1988) 187-220
Sack, J.-R., *see* C. Levcopoulos 66 (2) (1989) 181-203
Sain, I., *see* J.A. Makowsky 66 (3) (1989) 299-321
Saito, T. and H. Nishio, Structural and behavioral equivalence relations in automata networks 63 (2) (1989) 223-237
Salomaa, K., A pumping result for 2-context-free languages 62 (3) (1988) 267-287
Sato, H., E-CCC: between ccc and topos 64 (1) (1989) 55-66
Scedrov, A., *see* E.S. Bainbridge 70 (1) (1990) 35-64
Schmidt, U., Avoidable patterns on two letters 63 (1) (1989) 1-17
Schuster, A., *see* E. Shamir 64 (1) (1989) 83-96
Scott, P.J., *see* E.S. Bainbridge 70 (1) (1990) 35-64
Seger, C.-J. and J.A. Brzozowski, An optimistic ternary simulation of gate races 61 (1) (1988) 49-66
Seino, K., *see* E. Tomita 64 (1) (1989) 39-53
Sénizergues, G., A characterisation of deterministic context-free languages by means of right-congruences 70 (2) (1990) 213-232

Shallit, J., A generalization of automatic sequences 61 (1) (1988) 1-16
Shamir, E. and A. Schuster, Communication aspects of networks based on geometric incidence relations 64 (1) (1989) 83-96
Shepherdson, J.C., A sound and complete semantics for a version of negation as failure (*Fundamental Study*) 65 (3) (1989) 343-371
Siromoney, R., Preface to the Special Issue on the Seventh Conference on Foundations of Software Technology and Theoretical Computer Science 68 (2) (1989) 121
Smith, C.H., *see* D. Angluin 66 (3) (1989) 255-272
Snir, M., *see* C.P. Kruskal 64 (2) (1989) 135-157
Snyder, W., *see* J.H. Gallier 67 (2, 3) (1989) 203-260
Solitro, U., A typed calculus based on a fragment of Linear Logic (*Note*) 68 (3) (1989) 333-342
Sopena, E., *see* R. Cori 61 (1) (1988) 93-102
Soria, M., *see* C. Choppy 67 (2, 3) (1989) 261-282
Staiger, L., Ein Satz über die Entropie von Untermonoiden (A theorem on the entropy of submonoids) (*Note*) 61 (2, 3) (1988) 279-282
Stark, E.W., Concurrent transition systems 64 (3) (1989) 221-269
Statman, R., On sets of solutions to combinator equations (*Note*) 66 (1) (1989) 99-104
Štefáneková, I., *see* D. Pardubská 67 (1) (1989) 111-113
Stoß, H.-J., On the representation of rational functions of bounded complexity 64 (1) (1989) 1-13
Stoß, H.-J., Lower bounds for the complexity of polynomials 64 (1) (1989) 15-23
Subrahmanian, V.S., *see* H.A. Blair 68 (2) (1989) 135-154
Swart, C. and D. Richards, On the inference of strategies 67 (1) (1989) 5-18
Szpankowski, W., *see* P. Kirschenhofer 68 (1) (1989) 1-17
Takanami, I., *see* K. Inoue 67 (1) (1989) 99-110
Takanami, I., *see* A. Ito 66 (3) (1989) 273-287
Talamo, M., *see* G. Gambosi 68 (1) (1989) 57-70
Talamo, M., *see* G. Gambosi 70 (2) (1990) 251-260
Talamo, M., *see* M. Protasi 64 (1) (1989) 119-124
Tamassia, R., *see* G. Di Battista 61 (2, 3) (1988) 175-198
Tang, C., *see* S. Ginsburg 63 (1) (1989) 63-90
Taylor, W., *see* K.A. Baker 69 (3) (1989) 319-345
Terlutte, A., Cyclic rational transductions and polynomials of rational functions (*Note*) 70 (2) (1990) 261-271
Thatte, S.R., Implementing first-order rewriting with constructor systems (*Note*) 61 (1) (1988) 83-92
Thatte, S.R., Full abstraction and limiting completeness in equational languages (*Fundamental Study*) 65 (1) (1989) 85-119
Thérien, D., Programs over aperiodic monoids 64 (3) (1989) 271-280
Thomas, A., *see* J.M. Dumont 65 (2) (1989) 153-169
Tiomkin, M., Probabilistic termination versus fair termination (*Note*) 66 (3) (1989) 333-340
Tiuryn, J. and D.B. Benson, Fixed points in free process algebras, Part II 70 (2) (1990) 179-192
Tiuryn, J., *see* D.B. Benson 63 (3) (1989) 275-294
Tomita, E. and K. Seino, A direct branching algorithm for checking the equivalence of two deterministic pushdown transducers, one of which is real-time strict 64 (1) (1989) 39-53
Trystram, D., *see* Y. Robert 64 (2) (1989) 159-173
Tulipani, S., *see* G. Marongiu 67 (1) (1989) 87-97
Turán, G., *see* S.R. Buss 62 (3) (1988) 311-317
Urquhart, A., The complexity of Gentzen systems for propositional logic 66 (1) (1989) 87-97
Van Den Broek, P.M., Comparison of two graph-rewrite systems 61 (1) (1988) 67-81
Van Der Poorten, A.J., *see* M. Mendès France 65 (2) (1989) 213-220
Van Gucht, D., Interaction-free multivalued dependency sets 62 (1, 2) (1988) 221-233
Varricchio, S., *see* A. De Luca 63 (3) (1989) 333-348
Vieille, L., Recursive query processing: the power of logic (*Fundamental Study*) 69 (1) (1989) 1-53
Vishkin, U., *see* N. Megiddo 61 (2, 3) (1988) 307-316
Von Brand, H., *see* I.F. Akyildiz 64 (2) (1989) 203-219
Vyskoč, J., An $O(n^{\lg k} \cdot 2^{n/2})$ time and $O(k \cdot 2^{n/k})$ space algorithm for certain NP-complete problems (*Corrigendum*) 70 (2) (1990) 273-274

Wagner, E.G., Algebras, polynomials and programs 70 (1) (1990) 3-34
Weijland, W.P., *see* J.C.M. Baeten 67 (2, 3) (1989) 283-301
Weil, P., Inverse monoids of dot-depth two 66 (3) (1989) 233-245
Wells, C., A generalization of the concept of sketch 70 (1) (1990) 159-178
Welzl, E., *see* H. Edelsbrunner 66 (2) (1989) 157-180
Yamasaki, H., Language-theoretical representations of ω-languages 66 (3) (1989) 247-254
Yamasaki, H., *see* T. Moriya 61 (2, 3) (1988) 137-147
Yokouchi, H., Church-Rosser theorem for a rewriting system on categorical combinators (*Fundamental Study*) 65 (3) (1989) 271-290
Zaks, S., *see* E. Korach 64 (1) (1989) 125-132
Zaniolo, C., *see* D. Saccà 62 (1, 2) (1988) 187-220
Zeugmann, T., On the power of recursive optimizers 62 (3) (1988) 289-310
Zhang, L.X., An efficient algorithm to decide whether a monoid presented by a regular Church-Rosser Thue system is a group 66 (1) (1989) 55-63
Zwick, U., *see* N. Alon 64 (3) (1989) 331-342